

Management Directives	Implementation Measures	Timeframe	Responsible Party*
BIOLOGICAL RESOURCES ELEMENT (A)			
A.1 Conduct habitat monitoring to ensure MSCP goals and DPR objective are met (Priority 1)	A.1.1: DPR will conduct habitat monitoring at ten-year intervals within the Preserve, or after a change in conditions (e.g., fire, drought). <u>The monitoring frequency may be modified/increased if regional monitoring efforts determine that climate change effects on San Diego County vegetation communities warrant more frequent monitoring.</u> On-going monitoring within the Preserve will identify any adverse changes in vegetation community distribution and habitat quality, such as changes from fire, invasion by non-native plants, or decline of existing species, and indicate if modifications to current management actions are needed. The primary focus should be minimizing impacts to sensitive habitats, particularly black sage scrub alliance and associations, and California sagebrush-California buckwheat-laurel sumac associations, which are important to the California gnatcatcher and southern California rufous crowned sparrow, among other species. The main product of this monitoring will be a report that will include a discussion of monitoring objectives, monitoring methods to meet those objectives, and an updated vegetation community map.	Every 10 years	RMD
	A.1.2: DPR will conduct general wildlife and rare plant surveys at ten-year intervals utilizing and refining baseline monitoring methods to assess trends, relative abundance, and distribution status. <u>The monitoring frequency may be modified/increased if (1) the 10-year monitoring determines that a species' status has seriously declined and/or (2) if regional efforts determine that climate change effects on San Diego County vegetation communities warrant more frequent monitoring.</u> Future rare plant surveys should be conducted at appropriate times to maximize the detection of sensitive plant species. Sensitive species with a high potential to occur on-site are discussed in Section 3.2.3. Wildlife surveys will be performed during the flight season of Quino checkerspot and Hermes copper butterflies, if feasible. Focus will be paid to wildlife species with a high potential to occur, as listed in Section 3.3.3. This information will be included in the South County MSCP Subarea Plan Annual Report. In addition, DPR will annually monitor the completed and future habitat restoration sites for utilization and occurrence by threatened,	Every 10 years	RMD

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	endangered, and species of concern, as identified in the MSCP. DPR staff will also monitor the restored areas for signs of plant stress and mortality.		
	<p>A.1.3: DPR will conduct monitoring for invasive non-native plant species during regular patrols and at 10-year intervals to assess invasion or re-invasion by invasive non-native plants such as giant reed, saltcedar, pampas grass, artichoke thistle, stinkwort, crimson fountain grass and rose Natal grass within the Preserve. These surveys will focus on areas where invasive non-native plants have been detected in the past, but also look for new occurrences in the Preserve. This information will be included in the South County MSCP Subarea Plan Annual Report.</p>	Every 10 years	RMD
	<p>A.1.4: The Preserve is located within the Central Poway/San Vicente Reservoir/North Poway designated MSCP Biological Resource Core Area (BRCA). The Central Poway/San Vicente Reservoir/North Poway BRCA is connected to two BRCAs to the south: Mission Trails/Kearny Mesa/East Elliot/Santee BRCA and Lake Jennings/Wildcat Canyon-El Cajon Mountain BRCA; and one BRCA to the north: Hodges Reservoir/San Pasqual Valley BRCA. Biological linkages are also found along SR-67 to the north and south and Poway Road to the west. In addition, the Preserve is an important connection to other large open space preserves, including MCAS Miramar, Mission Trails Regional Park, and Iron Mountain.</p> <p>DPR will evaluate site-specific wildlife corridor monitoring in coordination with regional efforts, if these efforts identify recommendations that fall within the preserve. General wildlife corridor monitoring will be conducted at the regional level and coordinated with SDMMP.</p>	On-going	RMD
A.2 Comply with applicable conditions of coverage for MSCP Covered Species (Priority 1)	<p>A.2.1: DPR will implement habitat based and, in some cases, species-specific monitoring and management as outlined in Table 3-5 of the Subregional MSCP Plan and San Diego Multiple Species Conservation Program Covered Species Prioritization (Regan et al., 2006) for all MSCP Covered Species detected within the Preserve.</p>	Every 10 years	RMD

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A.3 Coordinate with San Diego County Water Authority and San Diego Gas & Electric who retain easements within the Preserve (Priority 1)	A.3.1: DPR will work with San Diego County Water Authority and San Diego Gas & Electric to ensure work crews access their infrastructure on established trails within the Preserve and avoid and/or minimize tree maintenance where there are known active raptor nests.	On-going	DM & RMD
A.4 Reduce, control, or where feasible eradicate invasive, non-native fauna known to be detrimental to native species and/or the local ecosystem (Priority 2)	<p>A.4.1: DPR will conduct surveys for the presence of invasive, non-native wildlife species of management concern, including Argentine ants, European starlings, and cowbirds, at ten-year intervals in conjunction with habitat monitoring and general wildlife surveys (as described in implementation measures A.1.1 and A.1.2). <u>If any of these species are detected DPR will coordinate with regional control efforts. The monitoring frequency for invasive wildlife species may be modified/increased if other species-specific monitoring or routine preserve management observation indicate that serious negative effects are occurring.</u></p> <p>A.4.2: DPR will post signs to encourage clean-up by equestrian users of staging areas to keep them free of non-point source pollutants that may attract cowbirds or other invasive, non-native species.</p>	<p>Every 10 years</p> <p>On-going</p>	<p>RMD</p> <p>DM & DPR Rangers</p>
A.5 Allow for future research opportunities for the Academic and Professional Scientific and Biologic Activities within the Preserve (Priority 2)	A.5.1: DPR will accept and review proposals for scientific research, monitoring, and habitat restoration and enhancement activities, which are permitted within the MSCP Preserve. Proposed research activities will be subject to approval by DPR. All such activities must obtain any necessary permits and shall be consistent with this RMP. Additionally, any person conducting research of any kind within the Preserve shall obtain a Right-of-Entry Permit from DPR, which will outline the precautions to be taken to preserve and protect sensitive biological and cultural resources within the Preserve and require results of any research to be made available to DPR.	On-going	DM & RMD

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	VEGETATION MANAGEMENT ELEMENT (B)		
B.1 Restore degraded habitats to protect and enhance populations of rare and sensitive species through stabilization of eroded lands and strategic revegetation (Priority 1)	B.1.1: DPR will assess and determine the need for habitat restoration or enhancement activities within the Preserve, including restoration opportunities identified in the Vegetation Management Plan. The need for habitat restoration activities will be determined based on the results of habitat monitoring (as described in implementation measure A.1.1 above) and trail maintenance activities (as described in implementation measure C.5.1). Any proposed restoration activities should utilize current, accepted techniques and avoid/minimize impacts to sensitive species or native habitats. Any proposed revegetation activities should use only local native species. Passive restoration (recovery from fire) is ongoing.	On-going	DM and RMD
	B.1.2: DPR staff will perform invasive non-native plant species treatment and erosion control as needed in disturbed areas where the natural recruitment of native plant species is actively occurring, as described in the Vegetation Management Plan.	On-going	RMD
	B.1.3: DPR will ensure that only native, site-appropriate trees and plant species are planted within the Preserve. Prior to planting native trees, DPR staff will identify potential locations for planting and then determine suitable species based on presence of the same species in/near the target area or in similar habitats and slope aspects in other parts of the Preserve. Irrigation options will be evaluated, including potential access constraints, availability for hand or truck watering, or temporary above ground irrigation. DPR may also coordinate with the County's arborist or an outside consultant arborist or restoration specialist to assist in selection of appropriate tree species and planting locations.	As-needed	RMD

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B.2 Reduce, control, or where feasible eradicate invasive, non-native flora known to be detrimental to native species and/or the local ecosystem (Priority 1)	B.2.1: DPR staff will implement the treatment and removal of the high- and moderate-priority invasive non-native plants as identified in the Vegetation Management Plan (VMP). The removal and treatment of invasive non-native plant species will be conducted through mechanical and chemical methods and associated passive restoration. The management techniques for mechanical and chemical methods for invasive non-native plant species removal and habitat restoration should follow guidelines outlined in the Preserve's VMP. A Certified herbicide technician shall treat non-native vegetation with herbicides. A biological monitor will be on-site during all treatment, removal, and restoration to ensure that other sensitive species and vegetation communities are not negatively affected by the proposed actions.	On-going	DM and RMD
	B.2.2: DPR staff will routinely pull weeds or remove any invasive non-native plants in early stages of growth observed during patrols along trails or access roads.	On-going	RMD, DPR Rangers
	B.2.3: DPR staff will coordinate with volunteer groups such as Friends of Goodan Ranch and Sycamore Canyon Preserve to help report sightings of invasive non-native plants within the Preserve.	On-going	RMD, DPR Rangers

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B.3 Manage and minimize the expansion of invasive, non-native flora within the Preserve (Priority 2)	B.3.1: DPR will implement an educational program for visitors and adjacent residents to the Preserves in order to discourage the introduction of invasive, non-native plant species into the Preserve. Information provided will include the identification of invasive plant species harmful to the Preserve and prevention methods. DPR will also implement a program specifically related to equestrian education regarding the potential negative impacts to native ecosystems from the accumulation of non-point source pollutants (e.g., spread of non-native seeds, water quality, etc.) in staging areas and on frequently used trails. This could be accomplished through a signage program/brochures and interaction between DPR staff and trail users. Specific signage could state, “Don’t Plant a Pest! Feeding horses weed-free feed for at least 72 hours prior to entry helps preserve our natural environment”. The program could also include signage and brochures promoting weed-free feed for at least 72 hours prior to entry into the Preserve to help preserve the natural environment. In addition, educational signage, trash cans, and increased enforcement of equestrian clean-up in the staging areas will help prevent future infestations once treatment and removal have stabilized the habitat.	As-needed	DPR Rangers
B.4 Provide for necessary fire management activities that are sensitive to natural and cultural resources protection (Priority 1)	B.4.1: The existing dirt access roads within the Preserve will be maintained annually to keep them fuel free. If funding permits, install an automatic gate at the SR-67 entrance, and, if feasible, install an approved emergency traffic control-activating strobe light sensor device at both the Goodan and SR-67 gates.	On-going	DPR Rangers
	B.4.2: DPR staff will annually maintain fuel modification zones around on-site buildings and facilities.	Annually	DPR Rangers

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	B.4.3: DPR staff shall provide controls following fire events to stabilize soils in the burn area and minimize the potential for erosion. Erosion control best management practices (BMPs), such as mechanical rehabilitation treatments, including straw mulch, hay bales, and jute rolls, should be in place as soon as possible after a fire and prior to the onset of the winter rainy season. Care should be taken to select and inspect these materials so they are not a source of invasive non-native plants.	As-needed	DPR Rangers
	B.4.4: DPR will continue to coordinate with CAL FIRE and the City of Poway and City of Lakeside Fire Departments to ensure that the fire response and implementation measures outlined in this Resource Management Plan and in the Vegetation Management Plan (VMP) are up-to-date and adequate for effective fire response within the Preserve. The Poway Fire Department and CAL FIRE are the primary responders to the Preserve, with the Lakeside Fire Department as the primary responder for the San Vicente Connector Parcels. DPR shall conduct fuel management under the direction of the City of Poway Fire Department using the identified VMUs, as feasible, and as presented herein in Figure 14, <i>Vegetation Management Units</i> , and in the VMP. As part of this effort, DPR will review fire history maps at least once every 10 years to determine if Preserve lands are within natural fire return intervals and for estimation of fuel age class.	On-going	DM, DPR Rangers and RMD
PUBLIC USE, TRAILS & RECREATION ELEMENT (C)			
C.1 Limit types of public uses to those that are appropriate for the site (Priority 1)	C.1.1: The following public uses are prohibited in the Preserve, and are currently specified on signs and/or trail maps. DPR rangers will document any illegal access, and inform any unauthorized persons observed on-site that the uses are not allowed on the Preserve. In addition, they will enforce the following prohibited uses and restrictions within the Preserve. DPR rangers are responsible for enforcing these restrictions and may call the sheriff for legal enforcement, as appropriate.	On-going	DPR Rangers

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	<ul style="list-style-type: none"> a. Off-road or cross-country vehicle and public off-highway recreational vehicle activity are considered incompatible uses in the MSCP Preserve and, therefore, are prohibited in the Preserve, except for law enforcement, Preserve management, and/or emergency purposes. c. Hunting or discharge of firearms are incompatible uses in the MSCP Preserve and other County ordinances and, therefore, are prohibited in the Preserve, except for law enforcement and/or emergency purposes. d. Poaching or collecting plant or animal species, archaeological or historical artifacts, or fossils from the Preserve is generally prohibited; however, the County may authorize collecting upon approval for scientific research, revegetation or restoration purposes, or species recovery programs. In addition, impacts to historic features are prohibited except upon approval by the County. e. Fishing, swimming, and wading in rivers, streams, or creeks f. Unauthorized Camping (including homeless and itinerant worker camps) g. Feeding wildlife h. Domestic animals, except horses and leashed dogs i. Smoking j. Unauthorized Campfires/Open Flames k. Off-trail biking, equestrian use, or hiking l. Littering/Dumping <p>C.1.2: DPR rangers and staff will ensure that prohibited uses are clearly specified on posted signage.</p>	On-going	DPR Rangers

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C.2 Manage public access in sensitive biological and cultural resource areas within the Preserve (Priority 1)	C.2.1: DPR has identified and mapped sensitive vegetation communities, special-status plant and wildlife species (including narrow endemics and County-listed species), and cultural sites in the Preserve so that these areas can be avoided and/or monitored. Updated information on sensitive resources in relation to access points (i.e., existing access roads and trails) will be obtained in conjunction with routine monitoring activities (see implementation measures A.1.1, A.1.2, A.1.3, C.5.1, and E.1.1).	Every 10 years	RMD
	C.2.2: DPR will ensure that any public-use trails are designed and constructed to avoid and/or minimize impacts to sensitive biological and cultural resource areas (see implementation measure C.4.2)	On-going	RMD
C.3 Analyze any future proposed public access such that recreational use of the Preserve is consistent with the protection and enhancement of biological and cultural resources (Priority 2)	C.3.1: If, in the future, DPR proposes public access for the Southern Parcel, Southern Gap Parcels, San Vicente Connector Parcels, or any other future additions to the Preserve, DPR will ensure that any proposed trail system is compatible with the Subarea Plan objectives and the County-approved Community Trails Master Plan (County of San Diego 2009a).	On-going	RMD
	C.3.2: DPR will ensure that any future proposed trail system will undergo environmental review in accordance with CEQA, prior to public use of any new trails on the Preserve.	On-going	RMD
C.4 Install and maintain fences and gates within the Preserve (Priority 1)	C.4.1: DPR staff will install additional fencing and/or gates at points of unauthorized public access as appropriate. Points of unauthorized access will be identified in conjunction with trail monitoring activities.	On-going	DPR Rangers
	C.4.2: Points of unauthorized access and sensitive species impacts will continue to be identified in conjunction with habitat, plant and wildlife, and access road monitoring activities (as described in implementation measures A.1.1, A.1.2, A.1.3, and C.4.1). DPR will ensure that any installation of fences or gates will be designed and located so they do not impede wildlife movement or impact cultural resources.	On-going	RMD and DPR Rangers

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	C.4.3: Fencing, gates, boulders, security patrols, and appropriate signage will be needed to enforce the restriction of public access to the Southern Parcel, Southern Gap Parcels, and San Vicente Connector Parcels.	On-going	DPR Rangers
C.5 Properly maintain access roads and trails for user safety, and to protect natural and cultural resources (Priority 1)	C.5.1: DPR staff will monitor public access roads, staging areas, and trails for degradation and restrict off-trail access and use, and provide necessary repair/maintenance per the Community Trails Master Plan (County of San Diego 2009a). Any trail maintenance performed must ensure that the trail remains suitable for each multi-user group (hike, bike, equestrian) allowed on the trail.	On-going	DPR Rangers
	C.5.2: If temporary closure of a trail is deemed necessary for the maintenance or remediation, temporary closure actions will be accompanied by educational support, and public notification through signs and public meeting announcements. An implementation schedule will be written by DPR Operations staff when maintenance or remediation is deemed necessary. The trail will be posted with signage that indicates the temporary closure and the primary reason for the temporary closure (e.g., erosion issues and sensitive biological resource impacts). Finally, signs should provide contact information for anyone wishing to provide input on trail usage or gain additional information regarding the temporary closure of trails.	As-needed	DPR Rangers

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	Once posted, the trails in need of maintenance should be blocked with A-frame barricades and/or caution tape. Enforcement of the temporary closure of a trail would require increased DPR ranger patrols of these areas and investigations to determine if the barriers are effective.	As-needed	DPR Rangers
	C.5.3: DPR will restore degraded habitats and reduce detrimental edge effects through maintenance and stabilization of trails and strategic revegetation. Measures to counter the effects of trail erosion may include, but are not limited to, the use of stone or wood cross-joints, edge plantings of native grasses, and mulching of the trail per the Community Trails Master Plan (County of San Diego 2009a).		
	C.5.4: If unauthorized trail formation is observed by DPR rangers, those specific areas will be posted with barriers and clear signage reminding the public to remain on authorized trails. Rangers may also deconstruct and restore unauthorized trails. <u>Access control during restoration of unauthorized trails will occur through a combination of barricades (fences, rocks, etc.), signage, or through natural means, which will occur at the beginning and end of trails to be removed. Access control may be removed once restored vegetation is established.</u> Also see management directive C.4.	As needed	DPR Rangers
	C.5.5: <u>DPR will monitor Preserve usage via trail counters and will regularly evaluate this data to identify future changes in trail usage.</u>	<u>As needed</u>	<u>DPR Rangers</u>

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C.6 Develop, install, and maintain appropriate signage to effectively communicate important information to Preserve visitors (Priority 1)	<p>C.6.1: DPR rangers will regularly inspect and maintain all posted signs within the Preserve to ensure they are in good condition. Currently posted signs include the following rules and regulations: Off-roading and ATV Vehicles Prohibited 41.130; Dogs on Leash At All Times 41.123©; Weapons and Fireworks Prohibited 41.117; All Plants and Animals Are Protected 41.111 and 41.112; Campfire or Open Flames Prohibited 41.118; and Yield to Trail Users Obey Posted Speed Limit.</p> <p>In addition, signs warning of the presence of rattlesnakes and mountain lions are posted. Signs shall be kept free from vandalism and will be repaired or replaced, as necessary.</p> <p>DPR policy C-39 Signage will be followed as a requirement for the design, presentation, and installation of preserve signs to be consistent, align with the DPR brand, and minimal to avoid disrupting the natural aesthetic of the Preserve while still providing necessary information to the public.</p>	On-going	DPR Rangers
C.7 Provide appropriate security lighting in association with Ranger Station and live-in volunteer pad (Priority 2)	<p>C.7.1: Low-pressure sodium illumination sources or low-energy alternatives will be used within the Preserve associated with the Visitors Center and live-in volunteer pad.</p>	On-going	DPR Rangers
C.8 Track and limit organized events occurring in the Preserve (Priority 2)	<p>C.8.1: DPR will track and limit the number and timing of organized events occurring within the Preserve, including but not limited to trail races (foot/bicycle races), to help ensure that such events do not substantially alter trail conditions, cause damage to native habitats, or result in adverse conditions for native species. The number and type of allowable events may vary from year to year based on Preserve conditions as well as effects on Preserve management resulting from previous years' events (lessons learned).</p>	On-going	RMD and DPR Rangers

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OPERATIONS & FACILITY MAINTENANCE ELEMENT (D)			
D.1 Maintain a safe and healthy environment for Preserve users (Priority 1)	D.1.1: DPR staff will maintain all restrooms and trash receptacles provided at all staging areas and Visitors Center. Trash receptacles are designed to be secure from intrusion by wildlife species. DPR staff will regularly empty trash receptacles at least twice a week or more/less as deemed necessary. Restrooms will be serviced regularly/as-needed.	On-going	DPR Rangers
	D.1.2: DPR prohibits the permanent storage of hazardous and toxic materials within the Preserve. Any temporary storage must be in accordance with applicable regulations, and otherwise designed to minimize any potential impacts.	On-going	DM and DPR Rangers
D.2 Enforce regulations regarding littering/dumping (Priority 1)	D.2.1: DPR rangers will enforce regulations regarding littering/dumping (County Code of Regulatory Ordinance Section 41.116). Penalties for littering and dumping will be imposed by law enforcement officers sufficient to prevent recurrence and reimburse costs to remove and dispose of debris, restore the area if needed, and pay for additional DPR staff time. Areas where dumping recurs will be evaluated for potential barrier placement. Additional monitoring and enforcement will be provided as needed.	On-going	DPR Rangers
D.3 Retain Sycamore Canyon Creek and its tributaries in their natural condition (Priority 1)	D.3.1: A trail crosses Sycamore Canyon Creek in several locations. DPR staff will monitor trail use to ensure the integrity of the creek is not being affected.	As-needed	RMD

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D.4 Install BMPs to prevent potential erosion of hillsides (Priority 2)	D.4.1: The Preserve drains into the Peñasquitos and San Diego watersheds. Care should be taken to ensure that natural drainage patterns are maintained and that best management practices (BMPs) are utilized as needed, and that contaminants from runoff do not affect downstream riparian habitats. DPR staff shall monitor potential sites that may erode through implementation measures A.1.1 and D.4. If deemed necessary, DPR staff shall install BMPs to stabilize slopes.	As-needed	DM, RMD and DPR Rangers
	D.4.2: For the public's safety, DPR may close the Preserve after heavy rains. The Preserve shall be reopened when deemed appropriate by the DPR staff.	As-needed	DPR Rangers
D.5 Cooperate with public health and safety personnel to achieve their goals while helping to reduce or eliminate impacts to biological and cultural resources within the Preserve (Priority 1)	D.5.1: DPR will allow law enforcement officials and all medical, rescue, and other emergency agencies to access Preserve property as necessary to enforce the law and carry out operations necessary to protect the health, safety, and welfare of the public. DPR will coordinate with the applicable agencies to inform field personnel of the locations of particularly sensitive biological and significant cultural resources and how to minimize damage to these resources. DPR will allow for emergency services training in the Preserve to improve emergency preparedness.	As needed	DM , RMD and DPR Rangers
D.6 Coordinate with adjacent landowners and open space land managers (Priority 1)	D.6.1: DPR will coordinate with adjacent property owners such as MCAS Miramar on an annual basis, or more regularly, as needed, to ensure contiguous preserved land is managed consistently and in accordance with MSCP. Coordination will include a discussion of conservation goals; threats; methodology for management, monitoring, restoration, and reintroduction; results of management tasks and scientific research; and potential future projects.	Annually	RMD

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D.7 Enforce Preserve boundaries (Priority 1)	D.7.1: DPR staff will enforce, prevent, and remove illegal intrusions into the Preserve (e.g., parking areas, orchards, decks) on an annual basis, in addition to a complaint basis.	Annually	DM and DPR Rangers
D.8 Educate residents of surrounding areas regarding Preserve adjacency issues (Priority 2)	D.8.1: DPR will post this RMP on the DPR website (https://www.sdparks.org/) to heighten the environmental awareness of adjacent residents, and inform residents of appropriate landscaping, construction, or disturbance within the Preserve boundaries, pet intrusion, fire management, and other adjacency issues. See also implementation measures B.3.1 and D.6.1.	On-going	RMD
CULTURAL RESOURCES ELEMENT (E)			
E.1. Identify, record, and assess the significance of all cultural resources within the Preserve (Priority 1)	<p>E.1.1: DPR will identify and record cultural resource sites in previously unsurveyed areas of the Preserve where, if in the future, brush is removed as a result of wildfire or planned ground-disturbing activities, including clearing, grubbing or new trail development efforts. All management activities within the Preserve, including, but not limited to, routine maintenance and habitat restoration, will take into consideration potential impacts to cultural resources and shall avoid adverse impacts to any cultural resources to the maximum extent possible. No ground-disturbing activities will be allowed on or in any cultural resource site within the Preserve until potential impacts have been assessed.</p> <p>If, in the future, avoidance of significant sites is not feasible, appropriate mitigation measures will be established in conjunction with consultation with Native American tribes. Removal or disturbance of cultural resources shall not occur prior to completion of an approved mitigation program, such as data recovery and a grading monitoring program consisting of a qualified consultant and Kumeyaay Native American representative. Preservation in place is the preferred mitigation measure. Any cultural materials collected from the Preserve during testing will be curated at a qualified curation facility.</p>	As-needed	RMD

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	E.1.2: In the event that human remains are discovered during archaeological surveys or testing, DPR staff will immediately stop all work and notify the County Coroner. If the Coroner determines the remains are Native American, the Most Likely Descendant, as identified by the NAHC, will be contacted in order to determine the proper treatment and disposition of the remains. Per County Guidelines, any time human remains are encountered, the site is considered significant (County 2007).	As-needed	RMD
E.2 Preserve and protect significant cultural resources to ensure that sites are available for appropriate uses by present and future generations (Priority 2)	E.2.1: Any future development of recreational activities within the Preserve must take into consideration potential impacts to cultural resources resulting from public access and increased public use. It is recommended that the development of trails or facilities within Slaughterhouse Canyon at the eastern edge of the Preserve be avoided in order to avoid increased public access at the potentially significant sites recorded there. Trail development and maintenance activities may impact any potential subsurface deposits, and the increase in traffic and accessibility may create direct impacts through vandalism, looting, or the inadvertent destruction of artifacts, features, and site integrity.	On-going	DM, RMD and DPR Rangers
	E.2.2: The County has the opportunity to increase recreational use of the southern portion of the Preserve if property acquisitions occur to the south and recreational uses align with the Public Access Plan. This portion lies on the sedimentary Poway Conglomerate Formation and lacks the exposed bedrock of the northern portion of the property. Survey results and previous research indicate that this portion of the property was not intensively used during either the prehistoric or historic period and that the development of trails and facilities in this area would have a far lower potential for affecting cultural resources.	As-needed	DM, RMD, and DPR Rangers

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	E.2.3: The existing Martha's Grove Trail runs within and/or adjacent to several potentially significant prehistoric sites in the northern part of the Preserve/north of the Goodan Ranch property. The trail currently avoids a knoll top site, and avoidance should be maintained through possible realignment of the trail further from the resource or signage prohibiting/discouraging off-trail hiking.	As-needed	DM, RMD, and DPR Rangers
E.3 Promote cultural resources interpretation and educational programs (Priority 2)	<p>E.3.1: Off-site, and when possible, on-site interpretive programs for Native American heritage, local and regional history, and prehistory will be developed for the Preserve. These may include lectures, walks, kiosks, signs, historic brochures, and displays.</p> <p>Multiple opportunities for public education as to the prehistory and history of the Preserve exist. The present-day Calle de Rob Trail in the northern portion of the Preserve is a spur of the original Foster Truck Trail. The development of scenic viewpoints and interpretive signage along the existing historic road cut of Foster Truck Trail running along the southern boundary of the Sycamore North Addition could explain not only the history of transportation in the region but also illustrate settlement in the area, directing viewers to the location of individual features and former structures like Stowe Road, Martha's Grove, Goodan Ranch, San Diego Aqueduct, and the adjacent Stowe schoolhouse to provide a broad, cultural landscape-level view of prehistoric and historic land use history of the region.</p> <p>The County also has the opportunity to offer the public educational tours via trails with signage informing patrons of historic homesteads within the Preserve. Existing trails can tie together residents of the community of Stowe as well as the remaining features by means of Stowe tours, brochures, and signage. Further, the community of Stowe can be noted among other late nineteenth-century communities by connecting resources at the Preserve to contemporary resources at other DPR preserves and parks across the County. Boulder Oaks Preserve, as an example, has similar historic resources representative of rural recreation and transportation routes which can be tied to the Preserve time periods.</p>	On-going	DM, RMD, and DPR Rangers

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E.4 Honor Native American Heritage and promote Native American ceremonies, gathering, and cultural practices (Priority 2)	E.4.1: DPR will continue to coordinate and consult with tribal representatives who may have knowledge of the Preserve area to keep them informed of activities associated with the Preserve. Consultation shall be conducted frequently in order to identify appropriate management of pre-contact and ethnographic cultural resources. The tribes will be encouraged to participate in surveys, evaluation, recordation, protection, and preservation of cultural resources.	On-going	DM and RMD
	E.4.2: DPR will open the Preserve to traditional uses by the Kumeyaay and other local tribes which may have traditionally used the Preserve area. All activities by Native Americans in the Preserve shall be conducted with a Right-of-Entry permit specifically designed for the Preserve.	As-needed	DM and RMD

* DEV = Development Division Staff
DM = District Manager (Operations Division)
RMD = Resource Management Division Staff