

APPENDIX K: PAST, PRESENT, AND FUTURE PROJECTS AND ACTIONS CONSIDERED FOR THE CUMULATIVE IMPACTS ANALYSIS

| Plans and Projects | Location | Type of Project | Purposes of the Project | Source |
|---|---------------|---|---|---|
| Past/Completed Projects | | | | |
| Eastkoot Creek Restoration | Stinson Beach | Habitat Restoration for threatened Central California Coast steelhead trout and coho salmon | The restoration effort at the Lower Easkoot Creek has improved summer and winter rearing habitat for the threatened Central California Coast steelhead trout and coho salmon both federally listed species. The project restored native vegetation and floodplain functions and features previously disturbed by human activities. | Easkoot Creek Restoration at Stinson Beach Environmental Assessment |
| Lower Redwood Creek Interim Flood Reduction Measures & Floodplain/Channel Restoration | Muir Beach | Floodplain and Channel Restoration | This project restored channel function at the Pacific Way site to reduce flooding on an interim basis until long-term restoration project is implemented. Project also expanded riparian vegetation at the Banducci site, increased in-channel habitat complexity, reconnected the creek to its floodplain and reestablished geomorphic processes at the Banducci site to improve habitat for coho salmon and steelhead trout. | http://www.nps.gov/goga/parkmgmt/upload/redwoodcrk-ea-final.pdf |
| Fort Baker Plan | Fort Baker | Cultural Resource Restoration | Over 28 historic buildings are being rehabilitated to national historic preservation standards to ensure that the significant historic features are maintained. The project includes Cavallo Point: The Lodge at the Golden Gate, a resort, and the Institute at the Golden Gate, a retreat and conference center, as well as infrastructure upgrades, waterfront improvements and native habitat restoration. The new lodging units are environmentally-friendly and architecturally-sensitive to the historic area. Landscape improvements include the restoration of the main parade ground by NPS to its historic period. | http://parkplanning.nps.gov/document.cfm?parkID=303&projectId=20244&documentID=20847 |
| Crissy Field Plan | Crissy Field | Restoration | This project resulted in the restoration of approximately 18 acres of tidal marsh at Crissy Field; a channel was opened to the tides, allowing fresh and salt water to merge at Crissy Field for the first time in 100 years. This plan actually increased dog walking opportunities at the park. | |

Appendices

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| Trails Forever -Pirates Cove | South of Muir Beach | Control of invasive non-native plants. | Pirates Cove is just south of Muir Beach, supports dense and relatively undisturbed coastal scrub, prairie, and riparian habitats. Non-native Pampas grass has colonized the cliff faces over the past three decades, spreading inland in areas where non-natural disturbance has occurred. In 2006, Trails Forever began controlling the Pampas grass invasion in an effort to maintain the natural habitat. | http://www.parksconservancy.org/our_work/trails/index.asp |
| Trails Forever - Marin Headlands | Marin Headlands | Control of invasive plants to increase natural diversity | Spreading infestations of non-native vegetation threaten the grassland and coastal scrub habitat of the Southern Marin Headlands that include plant species critical to the survival of the mission blue butterfly. Efforts to control target invasive species began in 2006. | http://www.parksconservancy.org/our_work/trails/index.asp |
| Lobos Creek Valley Dune Restoration | Lobos Creek, near Baker Beach | Habitat restoration | Habitat restoration project at coastal dune in Lobos Creek Valley to increase population of the listed San Francisco lessingia plant. | |
| Site Management Plan for Milagra Ridge | Milagra Ridge | Management project | Site Management Plans are completed for acquired properties at GGNRA, such as Milagra Ridge. This plan may include a statement to protect and enhance habitat at the site, such as MBB habitat at Milagra Ridge in coordination with the GGNRA and USFWS. | N/A |
| Sewage release | Homestead Valley | Sewage Spill | More than 5 million gallons of partially treated sewage and storm water were released into Richardson Bay from the Mill Valley treatment plant. October 2007 inspections by EPA confirmed the sewage collection systems at Almonte, Tamalpais, Homestead Valley and Richardson Bay districts have deteriorating sewage pipes. | http://www.epa.gov/region09/water/npdes/pdf/SASM-SSO-report-final-2-11-08-redact.pdf |
| Crissy Field Center Temporary Move to East Beach | Crissy Field | Facilities | As a result of Caltrans' receipt of funds from the American Recovery and Reinvestment Act, the Doyle Drive improvement project was fast-tracked, and consequently Crissy Field Center needed to move its operations from 603 Old Mason in late 2009. | http://www.parksconservancy.org/our-work/crissy/temporary-relocation.html |

Appendix K: Past, Present, and Future Projects and Actions Considered for the Cumulative Impacts Analysis

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| Failed Snowy Plover clutches | Point Reyes Beach | Wildlife | There was a high percentage of failed snowy plover failed clutches which contained high mercury levels. | Schwarzbach, S. E., M. Stephenson, T. Ruhlen, S. Abbott, G. W. Page, and D. Adams. 2005. Elevated mercury concentrations in failed eggs of Snowy Plovers at Point Reyes National Seashore. Marine Pollution Bulletin 50(11):1444-1447. |
| Sutro Dunes Stabilization/Native Planting | Sutro Heights Park | Erosion Control | Sutro Dunes was planted with native plants in order to restore the site. | http://www.sfexaminer.com/local/Sutro-Dunes-blooming-like-new-81069857.html |
| Tree removal | Homestead Valley | Fire Protection | During the fall of 2005, more than 100 trees were removed from 89 acres in Golden Gate National Recreation Area, to protect the adjacent community of Homestead Valley, where there are over 1,000 homes. Non-native Monterey pines, Acacias, eucalyptus and plums, and encroaching Douglas-firs were cut and piled for burning. | Golden Gate NRA Fire Management: Homestead Fuel Reduction Implements Community Wildfire Protection Plan (http://www.nps.gov/goga/parkmgmt/upload/firemanagement_news_homesteadfuelreduction.pdf) and Marin County Community Wildlife Fire Protection Plan (http://www.marinsheriff.org/uploads/documents/Marin%20CountyCommunity%20Wildfire%20Protection%20Plan.pdf) |
| Trails Forever – Fort Mason | Fort Mason | Transportation | The effort to improve the San Francisco Bay Trail at Laguna and Marina Boulevard is part of Trails Forever. Project objectives were to enhance visitor safety and experience, improve pedestrian and bicyclist traffic flow, and re-vegetate the landscape. | http://sfbike.org/download/ft_mason_squeeze.pdf |
| Trails Forever – Lands End | Lands End | Transportation | The project included resurfacing and stabilizing additional segments of the trail; creating open views to the ocean; eliminating damaged “social” trails; replanting native species in the local forest and surrounding areas; improving visitor amenities; and engaging the community in park stewardship. | http://www.parksconservancy.org/our-work/trails-forever/accomplishments/lands-end.html |

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| Fort Mason Center Long-term Lease Environmental Assessment (FONSI) | Fort Mason | Programming and Management | After completion of the environmental assessment, NPS entered into a long-term lease with Fort Mason Center to continue its public programming and management of Lower Fort Mason. | http://parkplanning.nps.gov/showFile.cfm?projectId=20253&docType=public&MIMEType=application%252Fpdf&filename=FO%20MA%20Long%20Term%20Lease%2Epdf&clientFilename=FO%20MA%20Long%20Term%20Lease%2Epdf |
| Giacomini Wetland Restoration Project | Tomales Bay | Wetland restoration | Project benefitted the Tomales Bay watershed ecosystem through wetland restoration. Included planting native vegetation at the Giacomini Ranch to increase habitat for listed species such as the tidewater goby and California clapper rail. | http://www.nps.gov/pore/parkmgmt/planning_giacomini_wrp_construction_summary_phase1.htm |
| Current Projects (Construction Underway) | | | | |
| Dias Ridge Restoration and Trail Improvement | Marin County | Restoration and Trail Improvement | The project will realign trail segments and restore degraded areas on Dias Ridge. Specifically, the project will remove unauthorized trails and replace or rehabilitate poorly aligned and eroding trail segments. This project will improve parkland resources by reducing soil erosion in the project, minimize sediment from reaching Redwood Creek, and improve the trail alignment to support existing authorized trail-use designations. | http://www.nps.gov/goga/parkmgmt/planning.htm |
| Wetland and Creek Restoration at Big Lagoon | Muir Beach | Ecological restoration | Project aims to restore a functional, self-sustaining ecosystem at Big Lagoon. The project includes wetland, riparian and aquatic components to re-create habitat for sustainable populations of special status species, including habitat for coho salmon and steelhead trout as well as CA red-legged frog, to reduce flooding, and to improve visitor experience. Project is located at Muir Beach and includes 38 coastal acres including the small intermittent tidal lagoon at the beach. | http://parkplanning.nps.gov/document.cfm?parkID=303&projectId=12126&documentID=21520 |

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| Mori Point Restoration and Trail Plan | Mori Point, San Mateo County | Trail Restoration | Project includes protecting and enhancing habitat for the SF garter snake and CA red-legged frog at Mori Point; preserving and restoring habitat at Mori Point by reducing threats to native plant communities and natural processes; and developing a safe and sustainable trail system to improve recreational experiences and reduce impacts to park resources. | http://www.nps.gov/goga/parkmgmt/planning.htm |
| Marine Mammal Center Site and Facilities Improvements | Marin Headlands | Facilities Improvements | Recent improvements to the Marine Mammal Center located just northeast of Fort Cronkhite in the Forts Baker, Barry, Cronkhite Historic District have resulted in minor cumulative adverse effects to cultural resources, none of which has significantly affected the integrity of the District. | NPS 2004; http://www.nps.gov/goga/parkmgmt/mmc.htm |
| Presidio Trails and Bikeways Master Plan | Presidio | Trails and Bikeways | Project provides the public with an interconnected, safe, and enjoyable trails and bikeways system, while protecting and managing the Presidio's natural and cultural resources. | http://www.nps.gov/goga/parkmgmt/prsf_trails-bikes_masterplan.htm |
| GGNRA Fire Management Plan | GGNRA | Land Use Plan, enhance mission blue butterfly habitat, preserve historic structures, landscapes, and archeological resources | One of the many goals of the GGNRA Fire Management Program is to protect natural resources from adverse effects of fire and fire management activities, and use fire management wherever appropriate to sustain and restore natural resources. Another goal is to preserve historic structures, landscapes, and archeological resources from adverse effects of fire and fire management activities, and use fire management wherever appropriate to rehabilitate or restore these cultural resources. | Final Environmental Impact Statement for Fire Management Plan; Golden Gate National Recreation Area, Muir Woods National Monument and Fort Point National Historic Site; Marin, San Francisco and San Mateo Counties, CA (NPS 2005) |
| Vegetation Management Plan for the Presidio of San Francisco | Presidio | Habitat Restoration | The NPS partnered with the Presidio Trust and the Golden Gate National Parks Association and prepared a VMP to ensure that the Presidio's landscape and native habitats survive. The plan included a variety of restoration activities throughout the Presidio and recommended that changes be made gradually over the next several decades so that visual impacts of rehabilitation can be minimized as much as possible. | NPS and Trust 2001; http://www.presidiotrust.gov/archive/documents/Veg_Mngmnt_Plan_Sum.html |
| Marin Headlands and Fort Baker Transportation Infrastructure and Management Plan (TIMP) | Marin Headlands | Land Use Plan, improved visitor experience | This project focuses on providing greater access to and within the Marin Headlands and Fort Baker for a variety of users in a way that minimizes impacts to the rich natural diversity and cultural resources of the Marin Headlands and Fort Baker. | http://www.nps.gov/goga/parknews/mahe_transportation.htm |

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| Coho and Steelhead Restoration Project | Pine Gulch, Redwood, Olema, and Lagunitas creeks | Salmonid restoration | Initiated by the NPS, project includes assessing current coho salmon and steelhead abundance and distribution and developing and implementing a plan for restoring and monitoring the fish and their habitat. | http://www.nps.gov/pore/nature/science/fish.htm |
| Redwood Creek Watershed Restoration | Redwood Creek Watershed | Watershed restoration visioning process | The project (<i>Redwood Creek Watershed: Vision for the Future</i>) included identifying issues and values in the watershed and defining future conditions to create a Redwood Creek watershed that exists as a natural ecosystem and offers opportunities to learn, experience, and protect nature, rural character, and cultural history in an urbanized area. | http://www.nps.gov/goga/park/mgmt/upload/RWC_Vision_Statement.pdf |
| South Access to the Golden Gate Bridge - Doyle Drive FEIS | Crissy Field | Transportation Project | Doyle Drive, also known as Route 101, is located within the Presidio, and it provides access to cultural and natural features within GGNRA. The Federal Highway Administration (FHWA), the California Department of Transportation (Caltrans), and the San Francisco County Transportation Authority (the Authority) proposed to improve seismic, structural, and traffic safety along Doyle Drive. | http://www.presidioparkway.org/project_docs/ |
| Golden Gate Bridge Seismic Retrofit | Fort Baker | Mitigation | Planned restoration of MBB habitat as mitigation for the Golden Gate Bridge seismic retrofit work at Fort Baker. | |
| Nonpoint Source Watershed Assessment for the James Fitzgerald Marine Reserve Critical Coastal Area | Martini Creek watershed, San Mateo County | Watershed Assessment | Project could benefit Hickman's potentilla through the development of an Action Plan to address potential and known nonpoint source pollution impacts and improve water quality conditions in and around the Fitzgerald Marine Reserve CCA. | http://www.coastal.ca.gov/nps/Web/cca_project.htm |
| Submarine Discharge of Nutrient-enriched Fresh Groundwater | Stinson Beach | Septic Tank Discharge | Nutrients are discharged into groundwater at Stinson Beach from septic tanks; discharge is affected by variations in tides and is greater during neap tides (minimum tide range) as compared to spring tides (maximum tide range). | Sieyes, N.R., K.M. Yamahara, B.A. Layton, E.H. Joyce, and A.B. Boehm. 2008. <i>Limnology and Oceanography</i> 53(4)1434-1445 at http://aslo.org/lo/toc/vol_53/issue_4/1434.pdf |

Appendix K: Past, Present, and Future Projects and Actions Considered for the Cumulative Impacts Analysis

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| City of Mill Valley Bicycle & Pedestrian Transportation Plan Update | Homestead Valley | Transportation | The 2008 plan is an update to the 2003 Mill Valley Bicycle and Pedestrian Transportation Plan Update and builds upon and furthers the goals and projects originally developed in the 1982 Plan which was updated in 2003 to include a pedestrian component. Bicycling and walking contribute to both a healthy personal lifestyle and the health of the entire City through lessened traffic congestion, reduced vehicle exhaust emissions, decreased noise levels, and a reduction in land dedicated towards automobile parking. These modes also present residents with the opportunity to more easily socialize in public spaces. | http://www.cityofmillvalley.org/Modules/ShowDocument.aspx?documentid=3320 |
| Sausalito-Marín City Sanitation District Sewage Spill | Fort Baker | Sewage Spill | About 40,000 gallons of diluted raw sewage spilled into Richardson Bay north of Fort Baker on about 19 Jan 2010. The spill is being investigated by the state Water Quality Control Board. | http://www.contracostatimes.com/news/ci_14227944?nclick_check=1 |
| Extension of Historic Streetcar Service | Fort Mason | Transportation | The proposed historic streetcar extension would continue the F-line three blocks west to San Francisco Maritime NHP and then on through the Fort Mason Tunnel to the Fort Mason Center at GGNRA. | http://www.historicstreetcarextension.org/ |
| Fort Point Retrofits | Fort Point | Facilities | Fort Point as well as many areas within the park is undergoing retrofits to improve accessibility. | http://www.nps.gov/goga/planyourvisit/fort-point-accessibility-public-comment.htm and http://www.nps.gov/fopo/faqs.htm |
| Baker Beach Landfill Remediation | Baker Beach | Remediation/Restoration | Between August and November of 2007, 73,000 tons of debris were unearthed by spider excavators and conveyed 250 feet along treacherous slopes to the top of the cliffs. The Coastal Trail was also scheduled for restoration. | http://www.presidio.gov/nature/cleanup/projects.htm and http://www.nps.gov/goga/parknews/2009-1117.htm |
| Construction of Fort Funston Restroom and Maintenance Facilities | Fort Funston | Facilities | The National Park Service (NPS) is planning to construct a new restroom facility at Fort Funston. A 540 ft ² building would be constructed to provide flush toilets near the northeast corner of the parking lot. The chemical toilets located at the northwest end of the main parking lot would be removed. The new restroom building will be ADA accessible and an accessible path will be created to connect to the parking lot and the Sunset Trail. | http://parkplanning.nps.gov/projectHome.cfm?parkId=303&projectId=15201 |

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|---|------------------------------|---|---|---|
| Pedro Point Headlands Stewardship Project | Pedro Point Headlands | Restoration | The Pedro Point Headland Stewardship Project has three primary goals: (1) maintain and improve the ecological status of Pedro Point Headlands during this interim management stage; (2) create a safe and enjoyable environment for interim recreational use of the property; (3) build a successful volunteer-based stewardship program with the local community that will be focused on a partnership with a local neighborhood organization, the Pedro Point Community Association; and (4) protect endangered/native species and educate PPCA/other volunteers on these projects. | http://www.ccsf.edu/Departments/Biology/Center_for_Habitat_Restoration/pedropointinternships.html and http://coastsider.com/index.php/site/news/join_the_pedro_point_headlands_stewardship_teams_saturday/ |
| Construction of San Francisco VA Medical Center Research Facility | Lands End, Suto Heights Park | Facilities Construction | Construction of a new 7,600 square-foot building at the medical center. | http://www.sfpar.org/site/2009/05/index.html |
| Devil's Slide Tunnels Project | Pedro Point, Mori Point | Highway Repair | Two inland tunnels will bypass Devil's Slide, in order to provide a safe, dependable highway between Pacifica and Montara. | http://www.dot.ca.gov/dist4/dslide/ |
| Long-Term Park-Wide Projects | | | | |
| GGNRA GMP | Park-wide | Planning Document | The GGNRA GMP will provide for resource protection within the park | |
| GGNRA Habitat Restoration Programs | Park-wide | Natural plant community restoration; invasive species removal | Park Resource Stewardship Programs including volunteer programs of the NPS, GGNPC, and Presidio Trust. | N/A |
| GGNRA Maintenance Operations | Park-wide | Various maintenance activities and projects | The maintenance division conducts many ongoing operations throughout GGNRA that may create cumulative impacts with other activities. Maintenance projects may include but are not limited to road, trail and stormwater system maintenance | N/A |

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| Trails Forever Program | Park-wide | Trail construction, restoration, and rehabilitation | The Trails Forever initiative renovates and expands park trails as necessary to build upon the existing trail system while protecting natural resources. Program assists in making GGNRA more welcoming and sustainable, and inspires stewardship. The initiative is sponsored by the Parks Conservancy, the NPS, and the Presidio Trust. Program has included invasive species removal, installation of kiosk and trail signs, restoration/enhancement of trailside habitat, creation of educational programs and scenic overlooks, completion of new trails, repair/improve existing trails. | http://www.parksconservancy.org/our_work/trails/index.asp |
| NPS Inventory and Monitoring (I&M) Program | Park-wide | Inventory and Monitoring | The I&M Program collects, organizes, and makes available natural resource data and contributes to the Service's institutional knowledge by facilitating the transformation of data into information through analysis, synthesis, and modeling; includes an <i>Early Detection of Invasive Plants Program</i> | http://science.nature.nps.gov/im/index.cfm |
| Recovery Plans for Listed Plant and Wildlife Species | Park-wide | Recovery Plan | The general objectives of Recovery Plans include to protect, maintain, and enhance existing populations of the listed species, including San Bruno elfin, mission blue butterfly, northern spotted owl, western snowy plover, San Francisco garter snake, CA red-legged frog, etc. | USFWS documents |
| The San Francisco Natural Areas Program | Park-wide | Habitat Restoration, Education Project | This program restores and enhances remnant natural areas and develops and supports community-based stewardship of these areas | http://sfnap.org/ |
| Wildland-Urban Interface Initiative | Park-wide | Fire Protection | The Wildland-Urban Interface Initiative (WUII) was authorized by Congress in 2001 in conjunction with the National Fire Plan. It provides funding to reduce hazardous fuels on federal lands and assist communities with wildland fire protection | http://www.nps.gov/pore/parkmgmt/firemanagement_wui.htm |
| Endangered Species Big Year | Park-wide | Educational Project | Annual educational project comprised of several non-profit organizations to benefit of the endangered and threatened species found within GGNRA. Completed in 2008, this project provided long-term recovery assistance through conservation recovery actions to prevent listed species from going extinct. | http://www.nps.gov/goga/big_year.htm |

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| GGNRA Long Range Transportation Plan Update | Park-wide | Transportation | GGNRA has initiated work on a Long-Range Transportation Plan (LRTP) for the park that is consistent with US DOT transportation planning practices for States and Metropolitan Planning Organizations. The process developed at GGNRA will be a model for future transportation planning efforts at park units throughout the NPS. GGNRA is developing the Long-Range Transportation Plan concurrently with an update to the 1980 GGNRA General Management Plan to better understand baseline transportation conditions and to inform the new General Management Plan's vision for transportation. | Plan scheduled for completion in 2008. |
| Sea Level Rise Interpretive Exhibit | Crissy Field | Climate Change | The sea level at Crissy Field has risen by 0.2 m over the past 100 years, and predictions indicate that it will rise 0.5 to 1.6 m more by 2100. These changes pose risks to coastal lowlands, beaches, and coastal bluffs. By 2100, the volume and effects of each annual flood may be the equivalent of the today's 100-year flood. | http://www.nps.gov/goga/nature/science/upload/Crissy_SRL_Panel.pdf |
| Ocean Park Stewardship Action Plan | Park-wide | Ecological restoration | Developed by NPS to increase the emphasis on restoring and conserving park marine and estuarine resources. | http://www.nature.nps.gov/water/Homepage/Ocean_Park_Stewardship.cfm |
| Pacific Ocean Parks Strategic Plan | Park-wide | Management and conservation | Focuses on management and conservation of marine resources and restoration of impacted resources. | http://www.nature.nps.gov/water/Marine/Pacific_Ocean_Parks_Strategic_Plan_April-2008.pdf |
| Golden Gate Park Asset Management Plan | Park-wide | Park management | Focuses on maintenance of park assets; informed the development of alternatives in the general management plan. | http://www.nps.gov/goga/park/mgmt/upload/goga2008_annual_rpt.pdf |
| Association of Bay Area Governments: Bay Trail Plan | Park-wide | Trail plan | Focuses on the development of a regional hiking and bicycling trail around the perimeter of San Francisco and San Pablo Bays and creating connections to existing park and recreation facilities in an environmentally sensitive manner. | http://baytrail.abag.ca.gov/baytrailplan.html |
| California Department of Parks and Recreation: California Outdoor Recreation Plan | Park-wide | Recreation | Provides guidance to all recreation providers, including federal parks, that provide outdoor recreational lands, facilities, and services in California. | http://www.parks.ca.gov/pages/795/files/2009-2014%20corp.pdf |
| Coastal Conservancy: California Coastal Trail | Park-wide | Trail completion | The project is to create network of public trails along the California coast for walkers, bikers, equestrians, wheelchair riders, and others. | http://scc.ca.gov/2010/01/07/the-california-coastal-trail/ |

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| Golden Lands, Golden Opportunity: Preserving vital Bay Area lands for all Californians | Park-wide | Land preservation | This initiative provides a statement of regional principles to ensure a healthy future for vital Bay Area lands and residents and identifies unprotected landscapes with significant value to the Bay Area and California. | http://www.greenbelt.org/downloads/resources/report_GoldenLands.pdf |
| Future Projects | | | | |
| Southern Marin Equestrian Plan | Marin Headlands | Land Use Plan | This management plan will propose options for the future use of three Marin County stables located on GGNRA land and will address site and facility needs, improvements, and protection of important resources at and surrounding the sites. The plan will also identify and enhance the public outreach and equestrian programs, identify Best Management Practices and sustainable programs, increase protection of natural resources, and preserve the cultural resources that surround the stables. | http://www.nps.gov/goga/parkmgmt/planning.htm |
| Trails Forever - Southern Marin Headlands project | | | The Southern Marin Headlands project initiated in the summer/fall of 2007 focused on enhancing the Coastal Trail corridor in the southern Marin Headlands and included removal of selected non-native trees that compromise the health of habitat used by the MBB | http://www.parksconservancy.org/assets/pdf/southern-marin-headlands-update.pdf |
| Trails Forever – Lands End | Lands End | Trail Rehabilitation, replanting native vegetation | Recent work at Lands End included a new promenade and overlook, improvements to the Coastal Trail, and a revitalization of the surrounding forest. Future work includes resurfacing and stabilizing additional segments of the trail, rehabilitation of damaged social trails, improving visitor amenities, and engaging the community in park stewardship | http://www.parksconservancy.org/our_work/trails/index.asp |
| Battery Cavallo Preservation and Interpretation Plan | Fort Baker | Preservation plan | In a future planning effort with separate environmental analysis, the NPS would develop a detailed multidisciplinary plan for the preservation and interpretation of Battery Cavallo, integrating requirements for historic preservation, natural resource protection, visitor use and interpretation. Project is mitigation for the Fort Baker Plan and EIS. | |
| Regional Projects | | | | |
| Abbotts Lagoon Area Dune Restoration Plan | Point Reyes National Seashore | Dune restoration | Project will restore approximately 300 acres of coastal dune habitat south of Abbotts Lagoon to benefit listed species such as the Western Snowy Plover; invasive species will be removed. | http://www.nps.gov/pore/parkmgmt/planning_dunerestoration.htm |

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| Bolinas Lagoon Ecosystem Restoration Project | Bolinas Lagoon, Marin County | Ecosystem restoration | Preservation and restoration of the lagoon, including restoring function to the tidal estuary, which will benefit listed species such as the Western snowy plover and CA brown pelican. | http://farallones.noaa.gov/eco/bolinas/bolinas.html |
| Headlands Institute Project | Marin Headlands | Environmental Education | The Headlands Institute, an environmental education park partner with the GGNRA is proposing to build upon its educational programs by enhancing its Fort Cronkhite campus. The renovated campus will be a teaching model of stewardship and sustainable living with state-of-art learning facilities to match and make the most of the unique resources of the Marin Headlands | |
| Sharp Park Golf Course Comprehensive Site Restoration Plan | Sharp Park, near Mori Point, San Mateo County | Site Restoration Plan | The Sharp Park Golf Course, located in Pacifica in San Mateo County (adjacent to Mori Point) supports California red-legged frogs, which breed in a pond on the course as well as San Francisco garter snakes. Plans could affect the existing frog and snake population and wetland habitat at the golf course. | http://www.sfgov.org/site/recpark_index.asp?id=113359 |
| Ocean Beach Erosion Control Project | Ocean Beach | Erosion Control | This project is developing long-term solutions to beach and bluff erosion problems at Ocean Beach along the Great Highway consistent with the enhancement of natural processes. | www.sfgov.org |
| Lake Merced Watershed Plan | Near Fort Funston | Watershed Plan | The San Francisco Public Utilities Commission (SFPUC) is currently developing a Lake Merced Watershed Plan that seeks to provide a comprehensive set of strategies to sustain the health of the Lake Merced Watershed while providing recreational and educational opportunities. The resource management portion of the plan focuses on flora and fauna preservation restoration, enhancement of the watershed's natural areas, habitat values, and ecological function should benefit the bank swallow, which forages at Lake Merced. | http://sfwater.org/mto_main.cfm/MC_ID/20/MSC_ID/179/MTO_ID/672 |
| EIS Related to Experimental Removal of Barred Owls for the Conservation Benefit of Threatened Northern Spotted Owl | Region-wide | Conservation Plan | The USFWS will gather information necessary to prepare an EIS for barred owl removal experiments designed to determine if the species' presence is affecting northern spotted owl population stability and growth, and to test the feasibility of removing barred owls from specific locations. | http://www.fws.gov/policy/library/2009/E9-29447.html |

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| Marin Countywide Plan | Marin County | Land Use Plan | Land use on the portions of Marin County that are not owned by NPS is guided by the County's General Plan, the <i>Marin Countywide Plan</i> (adopted 2007) and specifically addresses land use issues. Relevant goals of the plan include a preserved and restored natural environment, including the Marin watersheds, natural habitats, wildlife corridors, and open space that will be protected, restored, and enhanced as part of this plan. | |
| FIRESafe MARIN Projects - Marin City | Homestead Valley, Alta Avenue Fire Road, Oakwood Valley | Fire Protection | The objective of Alta Fire Road Fuel Reduction, funded in FY02, was to improve firefighting effectiveness along the Alta ridgeline by removing fire-prone exotic vegetation and improving emergency access along Alta Fire Road. Marin City borders immediately along Golden Gate National Recreation Area. More than 200 homes benefitted directly from the project and an estimated 300 additional homes see increased protection indirectly. | http://www.nps.gov/goga/parkmgmt/fire_marinproj_marin.htm |
| Tennessee Valley / Manzanita Connector Trail Project | Tennessee Valley, Marin Headlands | Transportation | The goals of this San Francisco Bay Conservation and Development Commission Project are to upgrade the existing path to meet current American Disabilities Act accessibility and design standards for a multi-use pathway, and to encourage area residents to use the trail as an alternative to vehicular travel to reach key destinations such as shopping and transit facilities. | http://www.bcdc.ca.gov/meetings/commission/2010/01-07_2-09.pdf |
| Gulf of the Farallones and Cordell Bank National Marine Sanctuaries: joint Climate Change Site Scenario | Region-wide | Climate Change | To synthesize climate change impacts that will affect the local marine region and guide future policy development and management actions. | http://sanctuaries.noaa.gov/science/condition/cbnms/responses.html |
| Vista Grande Drainage Basin Alternatives Analysis | Fort Funston | Watershed Plan | The purpose of the alternatives analysis is to develop and evaluate alternatives that will reduce or eliminate flooding, reduce erosion along Lake Merced, and provide other potential benefits such as habitat enhancement and lake level augmentation. The Vista Grande portion of Daly City's stormwater collection system drains the northwestern area of Daly City and an unincorporated portion of San Mateo County. This underground collection system routes storm flows northwest to Vista Grande canal and tunnel for discharge to an outfall structure at the beach below Fort Funston. | http://www.ci.daly-city.ca.us/city_services/depts/public_works/pwnet/vistagrande_alts.html |

Appendices

| Plans and Projects | Location | Type of Project | Purposes of the Project | Source |
|--|-----------------|------------------------|---|---|
| Marin County Unincorporated Area Bicycle and Pedestrian Plan | Region-wide | Transportation | The plan is the framework for the development of the bicycle and pedestrian network in the unincorporated areas of the county. | http://www.walkbikemarin.org/resource_library_policies.php |
| San Francisco Public Utilities Commission: Peninsula Watershed Management Plan | Region-wide | Watershed Plan | The plan provides a comprehensive set of goals, policies, and management actions which integrate all watershed resources. | http://sfwater.org/mto_main.cfm/MC_ID/20/MSC_ID/177/MTO_ID/349 |
| Regional Bicycle Plan for the San Francisco Bay Area: 2009 Update | Region-wide | Transportation | A component of the Metropolitan Transportation Commission's effort to promote bicycling and bicycle safety. | http://www.mtc.ca.gov/planning/bicyclespedestrians/MTC_Regional_Bicycle_Plan_Update_FINAL.pdf |
| San Francisco General Plan | Region-wide | Management Plan | The plan is a strategic and long-term document that serves as a basis for decisions that affect land use, circulation, housing, conservation, open space, noise, and safety. | http://www.sf-planning.org/ftp/General_Plan/index.htm |
| San Mateo County Comprehensive Bicycle Route Plan | Region-wide | Transportation | The plan addresses safety, access, quality of life, and the effective implementation of bikeways | http://www.ccag.ca.gov/pdf/documents/archive/San%20Mateo%20County%20Comprehensive%20Bicycle%20Route%20Plan%202000.pdf |
| San Mateo County Trails Master Plan | Region-wide | Trail plan | Provides a plan for providing linkages to other trails and trail systems, adding additional trail routes or modifying existing routes, and trail policies and management. | http://www.co.sanmateo.ca.us/portal/site/parks |
| San Mateo Countywide Transportation Plan 2010 | Region-wide | Transportation | Serves as a plan for all modes of transportation, advocates policy, strives for synergy among the parts of the transportation system, seeks optimal system development, and provides a means for coordinated decision-making. | http://www.co.sanmateo.ca.us/planning/pdf/ctp-exec_summary.pdf |