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1		Policies	Implemented	Responsible Agency/Group	Success	Barriers to Implementation	Next Steps
2	Natural Resource Mgmt						
3	Policy 1	Natural resources within the Fitzgerald Marine Reserve will be protected and restored through development and implementation of resource management policies and programs.	As recommended by the Master Plan in May 2010 CA DFW Commission designated the Montara State Marine Reserve (MSMR) and Pillar Point State Marine Conservation Area (PPSMCA) as no take reserves. MPA Collaborative started in 2013, building off initial effort in Orange County, to make sure messaging to visitors is consistent amongst multiple stakeholders at FMR. Education and enforcement are the focus.	FMR MPA Collaborative members includes: SM Co Parks, Bureau of Land Management, CA Academy of Sciences, Ca Department of Fish and Wildlife, CA Sea Grant, Friends of FMR, GFNMS Advisory Council, GFNMS/NOAA, Point Blue, MBNMS Foundation, Pillar Point Harbor, Marine Mammal Center, Sequoia Audubon, CA Fisheries Research West, and SMC Sheriff's Dept.	Strengthening of partnerships and relationships regarding education and enforcement.		ID resources to be protected and develop strategies to design an implementation plan.
4	Policy 2	Visitor management policies and programs will focus on education, one of the priority missions of the Reserve	Friends of FMR continue to provide docent led tours. MPA Collaborative deliverables accomplished to date include: video at kiosk, self guided tour sheet, 4 new interpretive panels on walls of kiosk, and new interpretive panels developed for Pillar Point Harbor to educate public. Educational guidelines are focused on the following concepts: 1)universal, marine mammal, and tide pools. 2 new regulatory signs are being created by Ocean Protection Council and are to be installed at trailheads. Interpretive signage has been improved throughout the Reserve and an Educational Video has been made and installed at Interpretive Center at main entrance.	SMC Parks, Friend of FMR, CA DFW, NOAA/GFNMS, and County Sherriff.	Collaboration on education. Docent led tours, interpretive signage throughout the Reserve implemented, and new educational video available at Visitor Kiosk. Collaboration on education and enforcement.	Funding needed to hire a contractor to determine if new visitor management strategies are needed.	Lots of data is being collected, but needs further analysis in the context of prior Resource Assessment and proposed reevaluation of visitor management policies and programs.
5	Policy 3	The Moss Beach Reef and Frenchman's Reef will be continuously monitored over a minimum period of 10 years to develop baseline information on the ecological system, to determine the rate and degree of recovery, and to determine the effectiveness of Master Plan policies limiting visitor use.	PISCO, LIMPETS, and Smithsonian Environmental Research Center/California Department of Fish & Wildlife through the CDFW-OSPR NIS Monitoring Program studies have been conducted over time. How information is shared and used for improved adaptive management needs to be considered further.	SMC Parks, CA DFW, NOAA/NMFS PISCO - Established in 1999 with funding from The David and Lucile Packard Foundation. PISCO is led by scientists from core campuses Oregon State University (OSU); Stanford University's Hopkins Marine Station; University of California, Santa Cruz (UCSC); and University of California, Santa Barbara (UCSB). LIMPETS - The LIMPETS network is a collaborative effort among California's National Marine Sanctuaries, Farallones Marine Sanctuary Association, Marine Science Institute at the University of California at Santa Barbara, and the Pacific Grove Museum of Natural History.	Lots of data being collected, but needs to be analyzed.	Data that has been collected by LIMPETS and CA DFW may not answer or provide the information in the policy. Funding needed to hire a contractor to determine if new visitor management strategies are needed.	Lots of data is being collected, but needs further analysis in the context of prior Resource Assessment and proposed reevaluation of visitor management policies and programs.
6	Policy 4	Portions of the Moss Beach Reef may be closed to visitors as warranted by environmental conditions, research objectives, and monitoring activities.	Closed areas where Harbor seals are located varies with tide and by day. There is no definition of what warrants a closure of tidepool resources.	NOAA/USFWS/CA DFW/SMC Parks	Education and cones work to keep people away from seals. Ordinance 3.68.080 (n) exists to protect wildlife. Enforcement needed occasionally by SMC Parks/CA DFW. County Ordinance needs to be adopted to mirror Federal and State law to protect seals.	What warrants closures of needs further definition. Ordinance change and funding to reevaluate protection strategies.	Lots of data is being collected, but needs further analysis in the context of prior Resource Assessment and proposed reevaluation of visitor management policies and programs.
7	Policy 5	The Feasibility of Restoring Tidal Action to the Freshwater Marsh across West Point Avenue to the northeast of the existing saltwater marsh will be determined.	No studies have been performed to date. Vandenberg Air Force Base who maintain West Point Ave. have no plans to replace the culverts to improve tidal action. Culvert won't necessarily improve tidal action and beach is more of a barrier. CA Red Legged Frog habitat needs require consideration.	Vandenberg Air Force, SMC Parks	Nothing to date.	Pillar Point Marsh Restoration Plan needed to provide direction for improvements and protection.	Seek funding for a Pillar Point Marsh Restoration Plan, and engage stakeholders. Technical Advisory Committee recommended.

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8	Policy 6	Water quality improvements in San Vicente Creek and Pillar Point Marsh will be undertaken.	<p>San Mateo County Parks has made improvements to the main parking lot to reduce storm water pollutants entering San Vicente Creek.</p> <p>Big Wave development - .74 acres of County owned Pillar Point Marsh and it's wetland buffer (owned by Big Wave) that was previously degraded by agricultural grading. The Big Wave development has been conditioned to perform wetland habitat restoration/creation over approximately 6 acres of the project sites involving restoration of wetland values within the buffer areas, installation of log structures, planting and irrigation, weed management, and maintenance and monitoring. Big Wave's consultants have delineated with field markers clearing limits, setbacks, and drainage courses, prior to initiation of project grading. All sides of the shared property line between the subject parcels and County property have been marked with County Park property boundary markers. Within three years of the final approval of the Big Wave project, the property owners would complete wetland restoration. Big Wave will record a Conservation Easement over all wetlands and wetland buffer areas, which limits uses.</p> <p>Environmental Health - EH has been working with the RCD for bacteria monitoring of San Vicente Creek. EH has been involved with improvements to BMPs for some horse facilities, etc.</p> <p>Public Works - Has implemented a number of green infrastructure projects to reduce pollutants in roadside drainages associated with a grant from the SWRCB.</p> <p>SM Co RCD - Since 2011, the RCD has worked with partners to implement targeted storm water Best Management Practices (BMPs), water quality studies, BMP effectiveness monitoring, and education and outreach to the Montara and El Granada communities. In early 2016, the RCD completed construction on seven residential properties in Montara and Moss Beach to demonstrate sustainable landscaping practices that manage storm water and reduce pollution to local waterways. The RCD continues to provide technical assistance on residential properties and identify opportunities and funding to protect water quality in the Fitzgerald Marine Reserve and surrounding areas.</p>	SM Co Parks, Planning - Big Wave, Environmental Health, SM Co RCD	Phased wetlands restoration in Pillar Point Marsh and along 100' buffer of Marsh by Big Wave. After 15 years of efforts addressing fecal coliform bacteria it is being delisted by the RWQCB.	Per RWQCB San Mateo County Parks needs ordinance changes to allow dogs in specific areas, and funding for signage and staff training to manage dog waste along CA Coastal Trail.	<p>Parks can promote environmental education about the clean water efforts associated with the FMR ASBS. We should be educating the public about these efforts. so we have had success with past targeted pollution prevention efforts. The ASBS Plan is going to require County Parks to address ongoing dog management along the CA Coastal Trail:</p> <ol style="list-style-type: none"> 1) Develop a plan with BMPs to prevent or reduce pet waste discharges. 2) Develop a public education program for dog owners including signs. 3) Provide dog waste disposal bags and garbage receptacles. 4) Clarify how visual inspections for dog waste are handled. 5) Develop a pet waste and dog leash ordinance.
9	Policy 7	Special status wildlife and plant species shall be protected within the Reserve, and habitat management plans shall be developed to protect and restore all identified special status species.	<p>County Parks is identifying and mapping rare and endangered plants and animals in the Reserve. San Vicente Creek is being restored in phases involving exotic removal and replanting with native plants. Phase I has been completed. Phase 1 has been completed. San Mateo County Vegetation Management Guidelines for FMR have been created.</p> <p>Montara State Marine Reserve (MSMR) and Pillar Point State Marine Conservation Area (SMCA) are two adjoining Marine Protected Areas (MPAs) that extend offshore from Montara to Pillar Point. These designations were adopted by the California Department of Fish and Wildlife in 8/2009 and took effect 5/2010. The combined area of these marine protected areas is 18.42 sq. miles with 11.76 combined miles in SMR and 6.66 in SMCA. Montara SMR prohibits the take of all living marine resources. Pillar Point SMCA prohibits the take of all living marine resources, except the recreational and commercial take of pelagic finfish by trolling or seine, the commercial or recreational take of Dungeness crab by trap and the commercial and recreational take of market squid by hand-held dip net or round haul net.</p>	SM Co Parks for vegetation management and creek restoration. CA DFW has jurisdiction below high tide, and the County above High Tide.	San Vicente Creek restoration and Cypress Grove management. MPAs have been created.		Implement Vegetation Management Guidelines for FMR, Pillar Point Bluffs and Pillar Point Marsh. Develop a Natural Resources Management Standards and Guidelines for resource protection of special status species.
10	Policy 8	A vegetation management program will be developed to restore and protect native plant communities.	San Vicente Creek Restoration Plan developed. Phase I completed and Phase II is in process.	SMC Parks	Initial effort done as Phase 1 under a CIAP grant.	Funding.	Grant funding is being pursued for future phases of implementation of both San Vicente Creek and Cypress Preservation projects. Implement Vegetation Management Guidelines for FMR, Pillar Point Bluffs and Pillar Point Marsh.
11	Policy 9	Maintain the historic character and health of the plant community at the Smith-Dolger historic site.	None to date.	SMC Parks		Funding.	
12	Policy 10	Acquire land in the vicinity of Pillar Point Marsh and lands adjacent to the Reserve, as it becomes available, to add to the ecological system of the Reserve. Establish a working committee of the County Park and Recreation Commission and Board of Supervisors to coordinate and facilitate acquisitions.	SMC Parks acquired Pillar Point Bluff parcels in two conveyances. Funding came from Wildlife Conservation Board and POST. SMC Parks is currently managing the Thompson Property through an Operations and Maintenance Agreement and moving towards acquisition. Additional lands adjacent to the Pillar Point Marsh are being identified for acquisition.	SMC, POST, Board of Supervisors, CA Coastal Conservancy	Pillar Point Bluffs was acquired and improved by POST and turned over the County Parks in 2011. The adjacent Thompson property was acquired by POST and is being managed by County Parks.	Funding.	Continue to work with POST.

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13	Policy 11	Introduction and possession of domestic and feral animals, including dogs, cats, ducks and any exotic, non-naturalized species are prohibited in the Reserve.	Dogs are currently prohibited by County Ordinance 3.68.080 in County Parks.	SMC Parks, Board of Supervisors	Ordinance 3.68.080 (i) prohibits domestic animals.	Ordinance change needed to allow dog use.	Dog Management Committee will formalize recommendations for ordinance, policies and practices changes to be adopted to allow dogs in select areas. RWQCB is deregulating fecal bacteria as a pollutant at FMR, but the ASBS Water Quality Protection Plan requires County Parks to install signage, dog waste containers, and staff pick up of waste or poop bags as part of allowing dog use on California Coastal Trail.
14	Policy 12	Recreational hunting, gathering and collecting are prohibited within the Reserve because of the potential risks to public safety and biological resources.	Montara State Marine Reserve (MSMR) and Pillar Point State Marine Conservation Area (PPSMCA) are two adjoining Marine Protected Areas (MPAs) that extend offshore from Montara to Pillar Point. These designations were adopted by the California Department of Fish and Wildlife in 8/2009 and took effect 5/2010. The combined area of these marine protected areas is 18.42 sq. miles with 11.76 combined miles in MSMR and 6.66 in PPSMCA. Montara SMR prohibits the take of all living marine resources.	California DFW has jurisdiction below high tide, and the County above High Tide.	FMR became a "no take" MPA State Marine Reserve in 2010.	No agency is the clear lead as it relates to tide pools and the Pillar Point Harbor area.	Discuss enforcement further with CA DFW.
15	Visitor Mgmt Program						
16	Policy 1	Visitor use of the Reserve will be managed and limited to the number of persons that can be accommodated without damage to resources.	When Master Plan was approved in 2004 1993 was identified as the peak use of annual visitation at 135,000 and in January 2016 annual visitation was documented at 220,254.	SMC Parks, Friends of FMR		3 mile long shoreline and multiple access points (including new access at Thompson property to be acquired), and limited staff presence capability. Need to better define damage to resources based on monitoring data collected and not shared with County Parks to be able to make adaptive management decisions.	Need to rethink visitor management strategies.
17	Policy 2	The primary purpose of visitor use of the Reserve will be education.	Visitor education occurs a video at main entrance kiosk, document led tours and educational signage through the Reserve.	SMC Parks, Friends of FMR, Park Foundation	Locating a new interpretive center does not make sense at the proposed location due to parking, and picnicking limitations. Existing interpretive center has had a new deck added staging with new educational video and added new interpretive panels on the side of the visitor center.	Building a new Interpretive Center is not feasible at proposed location.	Acquiring additional property would provide opportunity for interpretive center and additional parking. However, interpretive centers are expensive to staff and maintain.
18	Policy 3	All groups are required to make advance reservations to go onto the reef.	County Parks handles reservations for groups more than ten for docent led tours during low tide designated tour times.	SMC Parks, Friends of FMR	FFMR is providing meaningful educational tours for school age children and adults.	There are challenges when large groups without reservations arrive and docent led tours are not available.	Need to rethink visitor management strategies. Consider use fees.
19	Policy 4	Each group will be limited to no more than 100 individuals.	County Parks handles reservations for groups more than ten for docent led tours.	SMC Parks, Friends of FMR	FFMR is providing meaningful educational tours for school age children and adults.	There are challenges when large groups without reservations arrive and docent led tours are not available.	Need to rethink visitor management strategies. Consider use fees.
20	Policy 5	Any group of 20 or more individuals must be lead by a staff member, docent or other qualified leader to be on the reef.	County Parks handles reservations for groups more than ten for docent led tours. The policy is not an ordinance so difficult to enforce.	SMC Parks, Friends of FMR, CA DFW	Because it is a multi-jurisdictional resource, so if further changes limiting public access below high tide are needed consultation with CA DFW is recommended.	There are challenges when large groups without reservations arrive and docent led tours are not available.	Need to rethink visitor management strategies. Consider use fees.
21	Policy 6	Visitor fees will be charged for access, visitor services and/or parking.	Fees were set in in 2005 after the Master Plan was adopted. \$35.00 for up to 35 people. \$25.00 per class. Tours are led by volunteers of Friends of Fitzgerald Marine Reserve.	SMC Parks, Board of Supervisors, Friends of FMR	Used to be \$35 for classes up to 100, but lowered to \$35 and \$25 per class in order to get a better handle on use.	Fees have not increased in 10 years.	Raise fees, and consider new visitor management options as described above..
22		Policies	Implemented	Responsible Agency	Success	Barriers to Implementation	Next Steps

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1		Policies	Implemented	Responsible Agency/Group	Success	Barriers to Implementation	Next Steps
23	Policy 7	Parking regulations will be clearly signed and strictly enforced in residential areas surrounding the Reserve.	No paid parking has been required at FMR, and no permit parking has been initiated.	SMC Parks, Board of Supervisors, Sheriffs Department		Cost to implement with Sheriffs Department and adjacent property owner opposition to permit parking.	Paid parking has not been implemented because of neighbors concerns about permit parking being required in the neighborhood which they oppose.
24	Policy 8	Parking and driving on West Point Avenue leading to Pillar Point will be discouraged through parking regulations, development of a new parking area at an alternative location, signage and provisions for a turn-around and drop-off area in the existing Harbor District parking area at Pillar Point.	County Park improved and maintains the outer parking lot at the eastern side of the Marsh, which can hold up to 20 cars.	SMC Parks	Serves as overflow for the Harbor District parking lot.	Little presence due to remote location.	Continue to maintain.
25	Policy 9	As part of the adaptive management program, access and fishing may be limited or prohibited on the reef, if such limitations or prohibitions are warranted by findings of the Monitoring Program (Resource Management Program Recommended Implementation Action 2). Such actions would require authorization by the San Mateo County Park and Recreation Commission, County Board of Supervisors and the California Department of Fish and Game.	Montara State Marine Reserve (MSMR) and Pillar Point State Marine Conservation Area (PPSMCA) are no take reserves, and no fishing is allowed.	SMC Parks, CA DFW, MPA Collaborative	SMR and SMCA designations.		Continue education, outreach and enforcement to protect the Reserve.
26	Policy 9 Task 1	Utilizing testable hypotheses, determine how fishing is impacting abundance and/or diversity of marine organisms at Fitzgerald Marine Reserve and compare potential impacts to those occurring elsewhere in California. Review all available data from the California Department of Fish and Game, California Department of Parks and Recreation, and other sources, including university research and consultant efforts) regarding the topic. Determine if additional studies and/or field investigations are necessary to adequately determine the impacts of fishing at Fitzgerald Marine Reserve. The assessment should include the following areas of investigation: the effects of removal of fish and invertebrates by fishers, including removal of mussels, worms and other organisms for use as bait, and the effects of fisheries traffic through intertidal areas (which are sensitive to trampling) in accessing fishing areas.	Montara State Marine Reserve (MSMR) and Pillar Point State Marine Conservation Area (PPSMCA) are no take reserves.	SMC Parks, CA DFW, MPA Collaborative	One of first MPA Collaborative in the State to work through issues, and educational guidelines.		County Parks issues Scientific Collection Permits for research. Continue education, outreach and enforcement to protect the Reserve.
27	Policy 9 Task 2	Evaluate alternative management actions to lessen or eliminate identified impacts. Potential ameliorations to be considered should include: reduction of allowable catch, reduction of illegal catch, regional closure of areas to fishing to allow impacted populations to rebound; monitoring and control of fishing and other measures.	Montara State Marine Reserve (MSMR) and Pillar Point State Marine Conservation Area (PPSMCA) are no take reserves.	SMC Parks, CA DFW, MPA Collaborative	One of first MPA Collaborative in the State to work through issues, and educational guidelines.		Need to rethink visitor management strategies. Consider use fees
28	Policy 9 Task 3	Recommend actions to be undertaken to lessen or eliminate identified impacts. The recommended actions would include identified responsibilities and schedules for implementation and completion.	Montara State Marine Reserve (MSMR) and Pillar Point State Marine Conservation Area (PPSMCA) are no take reserves.	SMC Parks, CA DFW	One of first MPA Collaborative in the State to work through issues, and educational guidelines.		Need to rethink visitor management strategies. Consider use fees
29	Policy 10	No picnicking will be allowed on the beach.	Picnicking on the beach is not prohibited by ordinance. Littering is prohibited by Ordinance 3.68.080 (c)	SMC Parks, Board of Supervisors		Larger problem (including sand toys left on the beach).	Evaluate policies in place to determine if objectives are being met. Consider creating a sand toy library at main entrance.

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30	Policy 11	Horseback riding, bicycling, and dog walking will be permitted only on the California Coastal Trail within the Reserve.	CA Coastal Trail was improved and completed in January 2013 and signs were installed at that time.	SMC Parks	County Ordinance change needed to allow dogs.		Parks can promote environmental education about the clean water efforts associated with the FMR ASBS. We should be educating the public about these efforts. so we have had success with past targeted pollution prevention efforts. The ASBS Plan is going to require County Parks to address ongoing dog management along the CA Coastal Trail: 1) Develop a plan with BMPs to prevent or reduce pet waste discharges. 2) Develop a public education program for dog owners including signs. 3) Provide dog waste disposal bags and garbage receptacles. 4) Clarify how visual inspections for dog waste are handled. 5) Develop a pet waste and dog leash ordinance.
31	Policy 12	The County of San Mateo Code of Ordinances, Sections 3.68.080 through 3.68.170, shall apply to activities within the Fitzgerald Marine Reserve and Pillar Point Marsh.	Dogs are currently prohibited by County Ordinance 3.68.080 in County Parks. Dog Management Committee will formalize recommendations for ordinance, policies and practices changes to be adopted to allow dogs in select areas.	SMC Parks, Board of Supervisors, RWQCB	County has informally allowed dogs on leash and they have become part of daily trail traffic with other users groups.		RWQCB is deregulating fecal bacteria as a pollutant at FMR, but the ASBS Water Quality Protection Plan requires County Parks to install signage, dog waste containers, and staff pick up of waste or poop bags as part of allowing dog use on California Coastal Trail.
32	a.	Motorized off-road vehicles are prohibited within the Reserve in order to avoid the risk of erosion, water quality degradation, safety hazards and excessive noise.	Motorized vehicles are only allowed on paved areas or areas specifically designated and maintained for normal ingress, egress and parking by enforcement of County Ordinance 3.68.090	SMC Parks	Off road vehicles are not a problem.		None
33	b.	Motor vehicles shall be restricted to designated parking areas and paved public roads.	Motorized vehicles are only allowed on paved areas or areas specifically designated and maintained for normal ingress, egress and parking by County Ordinance 3.68.090	SMC Parks	Off road vehicles are not a problem.		None
34	c.	Park rules, including hours of operation, shall be made available to park visitors at entrance gates, at the Education Center, at the Pillar Point Marsh, and on maps and brochures. Park visitors shall be responsible for knowing and following park rules.	Park signage has been improved at all areas of the Reserve except for the Pillar Point Marsh for which there are few visitor serving amenities.	SMC Parks	Continue to enforce ordinance.		Need to maintain and add signs as new properties are added.
35	d.	To protect the public health and safety and water quality, alcoholic beverages shall not be permitted within the Reserve.	Ordinance 4.96.080 (t) and 3.44.010 prohibits alcoholic beverages in the Reserve.	SMC Parks, Board of Supervisors		People drink wine and beer on the beach currently.	Enforcement and education needed. More signage.
36	e.	Smoking of cigarettes and other tobacco products shall be permitted only in designated areas. Trash and cigarette receptacles shall be conveniently located at solid waste disposal collection points readily serviceable by solid waste disposal contractors within developed facilities to encourage appropriate waste disposal. A "pack it in and pack it out" waste disposal policy shall be in effect for trails and remote vista points.	Ordinance 4.96.040 was amended 3/15/07 prohibiting smoking in public parking areas of County owned or maintained beaches, parks and trails.	SMC Parks	Implemented through signage and garbage receptacles are access points Continue to enforce ordinance.		Enforcement of Ordinance 4.96.040
37	f.	Fireworks shall not be permitted on Reserve lands at any time in order to protect public safety and avoid environmental impacts.	Fireworks are prohibited by Ordinance 3.68.150 (1). Signs are placed around area for July 4th weekend.	SMC Parks, Board of Supervisors	Successful education and enforcement efforts.		Continue to enforce ordinance.

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38	g.	Special events, (for example, weddings, assemblies, performances, and live entertainment), may be held at the Fitzgerald Marine Reserve through the County Parks and Recreation Division Special Event process on the condition that the Special Event conforms with the goals of the Master Plan's resource and visitor management policies so as not to have an adverse impact on resources, facilities or programs.	Weddings are not allowed. Film Permits are issued through Administration. Special Event Permits are issued by County staff is allowable for a fee to cover expenses.	SMC Parks	Events are controlled by County Park staff for a fee paid by the applicant.		
39	Policy 13	Because the Reserve has no fire suppression capability, other fire control agencies will continue to be relied upon to provide that service.	General precautions against fires, no smoking and burn permits in San Mateo County Parks. Montara Fire District and Coast side Fire District are both located in Moss Beach.	Montara Fire Department and Coast side Fire Department, SMC Parks			
40	Policy 14	In compliance with the Americans with Disabilities Act (ADA), accommodations shall be made for disabled persons where feasible at selected areas and sites within the Reserve. Access provisions and facilities will be designed to encourage use by the disabled where feasible.	The California Coastal Trail and main entrance parking lot, picnic table and public bathroom is ADA accessible.	SMC Parks	ADA improvements where possible have been made.	Rest of the Reserve is not ADA accessible.	
41	Uses and Facilities Program						
42	Policy 1	Uses and activities will be consistent with the primary missions of the Reserve, to preserve and enhance natural resources, and to provide educational opportunities.	Consistent with daily operations.	SMC Parks		Need to develop a new strategy to address over visitation and carrying capacity of the resource.	Need to rethink visitor management strategies.
43	Policy 2	Physical improvements will be adequate to accommodate education and interpretive uses, management activities and visitor services commensurate with Master Plan goals and policies.	Improvements have been made to the existing Visitor's Center to improve education and interpretation including a new video loop and viewing deck. Picnic tables at Moss Beach parking lot are now part of commemorative program.	SMC Parks	The Visitor Center improvements make the building more noticeable central location and draws visitors in.		
44	A. Facilities Program	Education Center (1,950 sq. ft.) - Classrooms, office space, restrooms, storage mechanical, entry	FMR Master Plan called for 1950 sq. ft. FMR Conceptual Plan for Interpretation called for 3,050 sq. ft. Interpretive signage has been improved throughout the Reserve and an Educational Video has been made and installed at Interpretive Center at main entrance.	SMC Parks, POST, Board of Supervisors	FMR Master Plan called for 1950 sq. ft. FMR Conceptual Plan for Interpretation called for 3,050 sq. ft. After reviewing alternative a decision was made not to improve the Interpretive Center at the main entrance. If adjacent property becomes available for purchase in the future County Parks should pursue acquisition in the future.	After reviewing alternative a decision was made not to improve the Interpretive Center at the main entrance. If adjacent property becomes available for purchase in the future County Parks should pursue acquisition in the future.	Acquiring additional property would provide opportunity for interpretive center and additional parking. However, interpretive centers are expensive to staff and maintain.
45		Education Center Parking - 56 parking spaces	As part of main parking lot improvements made in 2014 and 39 spaces were improved, and two ADA spaces were created, which is the total amount that can be accommodated at this parking lot.	SMC Parks	Additional 10 parking space were installed at Pillar Point Bluff Parking Lot and 20 parking spaces adjacent to east side of Pillar Point Marsh.	The Education Center is not likely to occur where proposed at main parking lot.	Acquiring additional property would provide opportunity for interpretive center and additional parking. However, interpretive centers are expensive to staff and maintain.
46		Outdoor Area/Picnic Shelter	Picnic area and paths of travel from ADA parking spaces have been made ADA accessible. No other picnic areas have been created.	SMC Parks			
47		Landscaping	Native drought tolerant landscaping was installed as part of parking lot improvements. San Vicente Creek Restoration involves removal of non native and planting with native plants, and Phase I has been completed and Phase II is anticipated. As part of the California Coastal Trail improvements ferns were relocated and replanted after trail improvements were made.	SMC Parks	Landscaping improvements in drought have been successful to date.	Funding.	Cypress forest requires on going maintenance. Next phases of San Vicente Creek restoration needed.
48		Outdoor Classroom	Nothing has been improved on bluff	SMC Parks			Still to be done.
49		Overlook Areas	Fencing installed along bluff funded by Memoirs of a Geisha film mitigation.	SMC Parks	Fencing from south of San Vicente Creek to Seal Cove Stairway installed.		Temporary fencing installed at Pillar Point Bluff. Potential for long term fencing is being evaluated through a Geotechnical Hazard Assessment.

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50		Benches	Benches have been improved along Pillar Point Bluffs. POST built one. County Parks installed one and POST refused others	SMC Parks			
51		San Vicente Creek Footbridge	60' fiberglass bridge installed as part of California Coastal Trail improvements.	SMC Parks, POST	Bridge facilitates trail use by all users groups and is outside of flood zone of San Vicente Creek.		Maintenance.
52		Educational and Interpretive Program	Friends of FMR lead docent tours to educate large groups of 10 or more on low tide tour days. Interpretive signage has been improved throughout the Reserve and an Educational Video has been made and installed at Interpretive Center at main entrance.	SMC Parks, GFNMS, Friend of FMR	Has been very successful to date.		When reviewing visitor management strategies evaluate potential new educational and interpretive needs.
53		Signage	Interpretive and regulatory signage has been improved throughout the Reserve underwritten by the earmark through the Department of Commerce and ultimately the funds came from the National Marine Sanctuary Foundation.	SMC Parks, CA Coastal Conservancy, Department of Commerce, National Marine Sanctuary Foundation	Interpretive and regulatory signage has been created and installed throughout all parts of the Reserve.	Funding.	Existing signage needs to be maintained and replaced over time. Evaluate need for long term additional signage associated with hazardous bluffs at Pillar Point bluffs.
54		Fencing	Fencing installed as part of California Coastal Trail, along bluff, and along the north side of San Vicente Creek.	SMC Parks	Successful in managing visitor access.	Funding.	A Geotechnical Hazard Assessment of the Pillar Point bluff will provide guidance as to where fencing should be located.
55		Bluff Fence	Fencing installed along bluff funded by Memoirs of a Geisha film mitigation.	SMC Parks	Successful in protecting visitors from eroding bluffs.	Funding.	A Geotechnical Hazard Assessment of the Pillar Point bluff will provide guidance as to where fencing should be located.
56		California Coastal Trail Fence	Fencing installed as part of California Coastal Trail.	SMC Parks	Successful.	Funding.	Need to maintain.
57		Reserve Boundary Fence	Needs to be replaced from North Lake Street to Cypress Ave.	SMC Parks		Funding.	
58		Trails	California Coastal Trail and other trails were improved at Pillar Point Bluffs with POST, and California Coastal Trail through the Reserve from North Lake Street to Cypress Ave.	SMC Parks, POST, California Coastal Conservancy	Sections of the California Coastal Trail have been improved.	Funding.	Trails at Thompson property need improvement. Trail planning is being initiated with Vandenberg Air Force Base.
59		California Coastal Trail	California Coastal Trail and other trails were improved at Pillar Point Bluffs with POST, and California Coastal Trail through the Reserve from North Lake Street to Cypress Ave. CA State Parks and Coastal Conservancy paid for plans and construction of CA Coastal Trail and San Vicente Bridge.	SMC Parks, California Coastal Conservancy	Successfully facilitates access by all trail users.		Need to maintain. If former road on Pillar Point bluffs north of West Point Drive then that would link to the Jean Lauer Trail and be part of the California Coastal Trail.
60		Trail to Moss Beach Reef	CA State Parks and Coastal Conservancy paid for partial plans for the beach ramp. Beach access plans were to make the overlook ADA accessible were developed to 90% in 2012, and put on hold. Stairs to the beach were improved in summer of 2015. The overlook is suffering sinkholes and temporary repairs have been made in Fall 2015.	SMC Parks, California Coastal Conservancy	Temporary improvements to un-engineered fill that is failing.	90% Design Plans were developed but proposed design was shelved due to public concerns about being over engineered.	Managed retreat is planned as the overlook degrades. Need to educate public and move stair access to beach over time.
61		Leeb Public Parking Trail to Seal Cove Beach	Proposed improvements defined in Coastal Access Improvement Plan, but none have been made.	SMC Parks, California Coastal Conservancy	In the past the private property owner was not supportive.	Need to work with private property owner and determine public support.	Need to determine where improvements are needed.
62		Bluff and interior trails	Bluff and interior trails have not been resurfaced.	SMC Parks		Funding	Maintain stairs. Encourage Public Works to replace or remove their culvert to avoid drainage and erosion impacts to the stairway.
63		Trail to Seal Cove Beach	New stairway constructed in 2010. Seal Cove Stairway was underwritten by the earmark through the Department of Commerce, and ultimately the funds came from the National Marine Sanctuary Foundation.	SMC Parks, Department of Commerce, National Marine Sanctuary Foundation	Successful	Public Works drainage culvert needs to be replaced.	Need to rethink visitor management strategies.
64		Trail from Wienke Way	Public access could be improved from Wienke to the beach.	SMC Parks		Could be re-evaluated, but should be done in context of larger visitor management strategy. Limiting access to the Reserve would not encourage developing this access.	A walkway across the Pillar Point Marsh has been raised in the past, but was opposed by environmental groups.

	A	B	C	D	E	F	G
1		Policies	Implemented	Responsible Agency/Group	Success	Barriers to Implementation	Next Steps
65		Pillar Point Marsh Trail	Willows have been trimmed along the road to facilitate pedestrian access along the road, but no trail has been constructed.	SMC Parks	Limited success. Requires maintenance.	Environmental considerations and funding.	Work with Vandenberg Air Force regarding trail and beach access around Pillar Point. A process is needed to solicit public input prior to permitting and development.
66		Pillar Point Spur Trail	Thompson property acquired, and County Parks is managing, but trails have not yet been improved.	SMC Parks, POST, California Coastal Conservancy, Vandenberg Air Force, SM Co Harbor District		Funding and public support.	In process of being regraded and rocked.
67		Pillar Point Marsh Parking Facility	Improved in 2008.	SMC Parks		Funding.	No location identified.
68		Pillar Point Marsh Picnic Facilities	No improvements made.	SMC Parks			
69	Implementation Program	Management and Operation Staff	New Midcoast District created in 2008, which services the Reserve. 1-3 Rangers are used to staff during the winter, and 4-6 during the summer.	SMC Parks, Board of Supervisors			
70		Supervising Naturalist	One Naturalist hired in 2014 for the entire Parks Department.	SMC Parks, Board of Supervisors	Holds educational events at the Reserve such as nighttime tide pooling, programs for kids, and Bio Blitzes.		
71		Marine Biologist	None on staff.	SMC Parks, Board of Supervisors			
72		Naturalist	None on staff.	SMC Parks, Board of Supervisors			
73		Park Ranger	1-3 Rangers are used to staff during the winter, and 4-6 during the summer.	SMC Parks, Board of Supervisors			
74		Naturalist Aide	None on staff.	SMC Parks, Board of Supervisors	2014- and 2015 District IV hired Memorial Parks Naturalist Aide for help during the winter months after Memorial summer season was over.	Funding.	